

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10791, 316A

CRF Edit Date: 9-27-04
Edited by: YKL

☐ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

☐ Corrected the SEQ ID NO. Sequence numbers edited were:

ENTERED

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☒ Deleted: ☒ invalid beginning/end-of-file text ; ☐ page numbers

☐ Inserted mandatory headings/numeric identifiers, specifically:

☐ Moved responses to same line as heading/numeric identifier, specifically:

☐ Other:



IFWO

RAW SEQUENCE LISTING

DATE: 09/27/2004

PATENT APPLICATION: US/10/791,316A

TIME: 09:01:53

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\09222004\J791316A.raw

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3 <110> APPLICANT: Shakkottai, Vikram
4      Chandy, K. George
5      LaFerla, Frank
7 <120> TITLE OF INVENTION: SK3-1beta GFP TRANSGENIC MOUSE MODEL FOR SPINOCEREBELLAR
8      ATAXIA AND HYPEREXCITABLE BEHAVIOR
10 <130> FILE REFERENCE: 50244/CAB/R2682
12 <140> CURRENT APPLICATION NUMBER: US 10/791,316A
13 <141> CURRENT FILING DATE: 2004-03-01
15 <150> PRIOR APPLICATION NUMBER: US 60/451,351
16 <151> PRIOR FILING DATE: 2003-02-28
18 <160> NUMBER OF SEQ ID NOS: 8
20 <170> SOFTWARE: PatentIn version 3.2
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 27
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial
27 <220> FEATURE:
28 <223> OTHER INFORMATION: SK3-1B-specific primer
30 <400> SEQUENCE: 1
31 cctccatctc cactccctct gggaggg                27
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 20
36 <212> TYPE: DNA
37 <213> ORGANISM: artificial
39 <220> FEATURE:
40 <223> OTHER INFORMATION: SK3-1B-specific primer
42 <400> SEQUENCE: 2
43 cccctcctcc gtcttggggc                20
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 25
48 <212> TYPE: DNA
49 <213> ORGANISM: artificial
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Forward primer designed to anneal to sequence unique to the
53     distinct initial exon of the SK3 transcript
55 <400> SEQUENCE: 3
56 tggtatggtg atagagaccg agctc                25
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 18
61 <212> TYPE: DNA
62 <213> ORGANISM: artificial
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Forward primer designed to anneal to sequence unique to the

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RAW SEQUENCE LISTING

DATE: 09/27/2004

PATENT APPLICATION: US/10/791,316A

TIME: 09:01:53

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\09222004\J791316A.raw

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66      distinct initial exon of an SK3 transcript
68 <400> SEQUENCE: 4
69 agccccaaga cggaggag                                     18
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 24
74 <212> TYPE: DNA
75 <213> ORGANISM: artificial
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Reverse primer designed to anneal to sequences in the shared
exon
79      2 of SK3-1B.
81 <400> SEQUENCE: 5
82 tggacagact gataaggcat ttca                               24
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 20
87 <212> TYPE: DNA
88 <213> ORGANISM: artificial
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Reverse primer designed to anneal to sequences in the shared
exon
92      2 of SK3-1B.
94 <400> SEQUENCE: 6
95 ggccaacgaa aacatggagt                                     20
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 31
100 <212> TYPE: DNA
101 <213> ORGANISM: artificial
103 <220> FEATURE:
104 <223> OTHER INFORMATION: SK3-1B-specific primer
106 <400> SEQUENCE: 7
107 tgtactcaaa ggactccatg ttttcgttgg c                       31
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 25
112 <212> TYPE: DNA
113 <213> ORGANISM: artificial
115 <220> FEATURE:
116 <223> OTHER INFORMATION: SK3-1B-specific primer
118 <400> SEQUENCE: 8
119 tcccagaggg agtggagatg gagga                               25

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/791,316A

DATE: 09/27/2004
TIME: 09:01:54

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\09222004\J791316A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8

VERIFICATION SUMMARY

DATE: 09/27/2004

PATENT APPLICATION: US/10/791,316A

TIME: 09:01:54

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\09222004\J791316A.raw



IFWO

RAW SEQUENCE LISTING

DATE: 09/23/2004

PATENT APPLICATION: US/10/791,316A

TIME: 16:22:24

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\09232004\J791316A.raw

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3 <110> APPLICANT: Shakkottai, Vikram
4     Chandy, K. George
5     LaFerla, Frank
7 <120> TITLE OF INVENTION: SK3-1beta GFP TRANSGENIC MOUSE MODEL FOR SPINOCEREBELLAR
8     ATAXIA AND HYPEREXCITABLE BEHAVIOR
10 <130> FILE REFERENCE: 50244/CAB/R2682
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15 <150> PRIOR APPLICATION NUMBER: US 60/451,351
16 <151> PRIOR FILING DATE: 2003-02-28
18 <160> NUMBER OF SEQ ID NOS: 8
20 <170> SOFTWARE: PatentIn version 3.2
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 27
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial
27 <220> FEATURE:
28 <223> OTHER INFORMATION: SK3-1B-specific primer
30 <400> SEQUENCE: 1
31 cctccatctc cactccctct gggaggg          27
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 20
36 <212> TYPE: DNA
37 <213> ORGANISM: artificial
39 <220> FEATURE:
40 <223> OTHER INFORMATION: SK3-1B-specific primer
42 <400> SEQUENCE: 2
43 cccctcctcc gtcttggggc          20
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 25
48 <212> TYPE: DNA
49 <213> ORGANISM: artificial
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Forward primer designed to anneal to sequence unique to the
53     distinct initial exon of the SK3 transcript
55 <400> SEQUENCE: 3
56 tggttatggtg atagagaccg agctc          25
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 18
61 <212> TYPE: DNA
62 <213> ORGANISM: artificial
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Forward primer designed to anneal to sequence unique to the

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RAW SEQUENCE LISTING

DATE: 09/23/2004

PATENT APPLICATION: US/10/791,316A

TIME: 16:22:32

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\09232004\J791316A.raw

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66      distinct initial exon of an SK3 transcript
68 <400> SEQUENCE: 4
69 agccccaaga cggaggag                                     18
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 24
74 <212> TYPE: DNA
75 <213> ORGANISM: artificial
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Reverse primer designed to anneal to sequences in the shared
exon
79      2 of SK3-1B.
81 <400> SEQUENCE: 5
82 tggacagact gataaggcat ttca                               24
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 20
87 <212> TYPE: DNA
88 <213> ORGANISM: artificial
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Reverse primer designed to anneal to sequences in the shared
exon
92      2 of SK3-1B.
94 <400> SEQUENCE: 6
95 ggccaacgaa aacatggagt                                     20
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 31
100 <212> TYPE: DNA
101 <213> ORGANISM: artificial
103 <220> FEATURE:
104 <223> OTHER INFORMATION: SK3-1B-specific primer
106 <400> SEQUENCE: 7
107 tgtactcaaa ggactccatg ttttcgttgg c                       31
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 25
112 <212> TYPE: DNA
113 <213> ORGANISM: artificial
115 <220> FEATURE:
116 <223> OTHER INFORMATION: SK3-1B-specific primer
118 <400> SEQUENCE: 8
119 tcccagaggg agtggagatg gagga                               25
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deleted

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/23/2004
PATENT APPLICATION: US/10/791,316A TIME: 16:22:44

Input Set : A:\PTO.LM.txt
Output Set: N:\CRF4\09232004\J791316A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8

VERIFICATION SUMMARY

DATE: 09/23/2004

PATENT APPLICATION: US/10/791,316A

TIME: 16:22:44

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\09232004\J791316A.raw

L:122 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:4